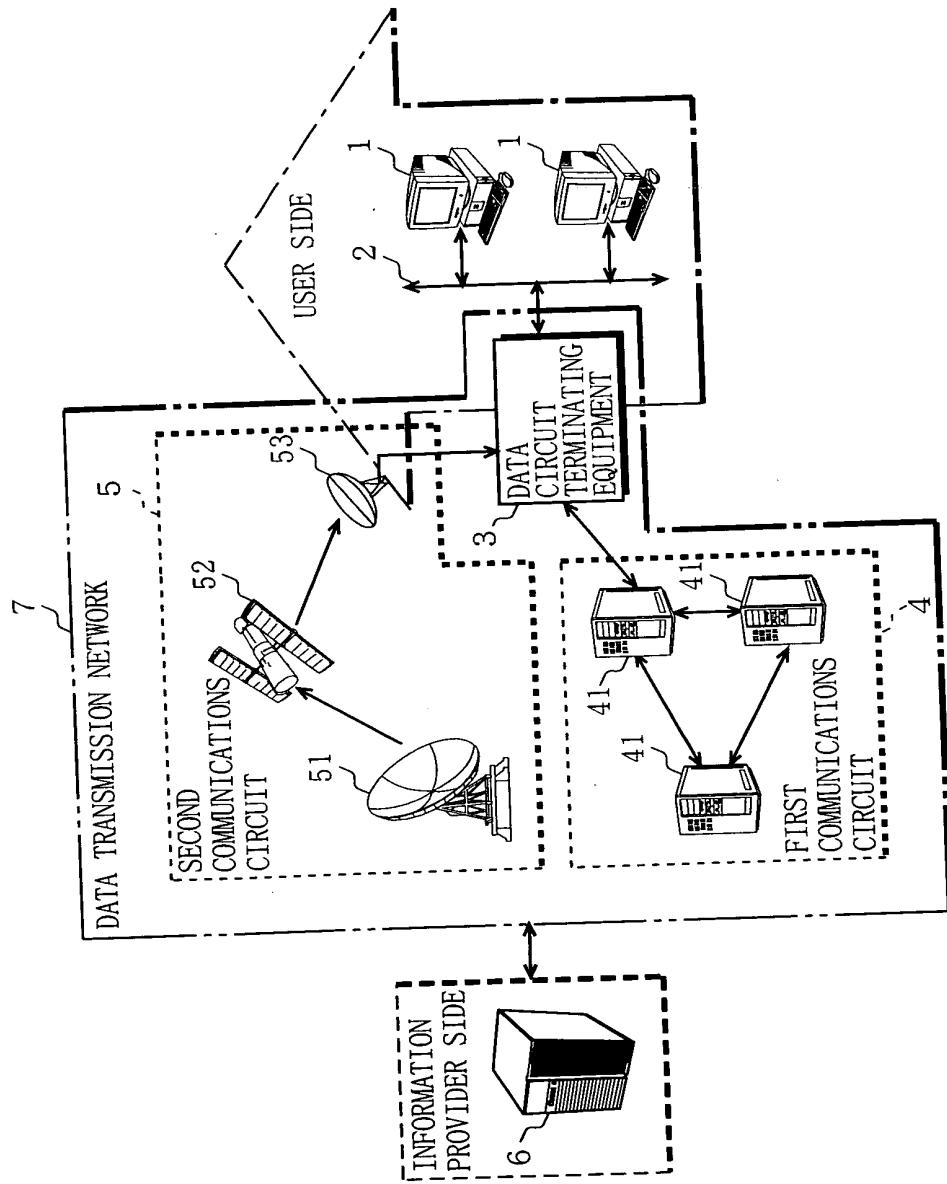
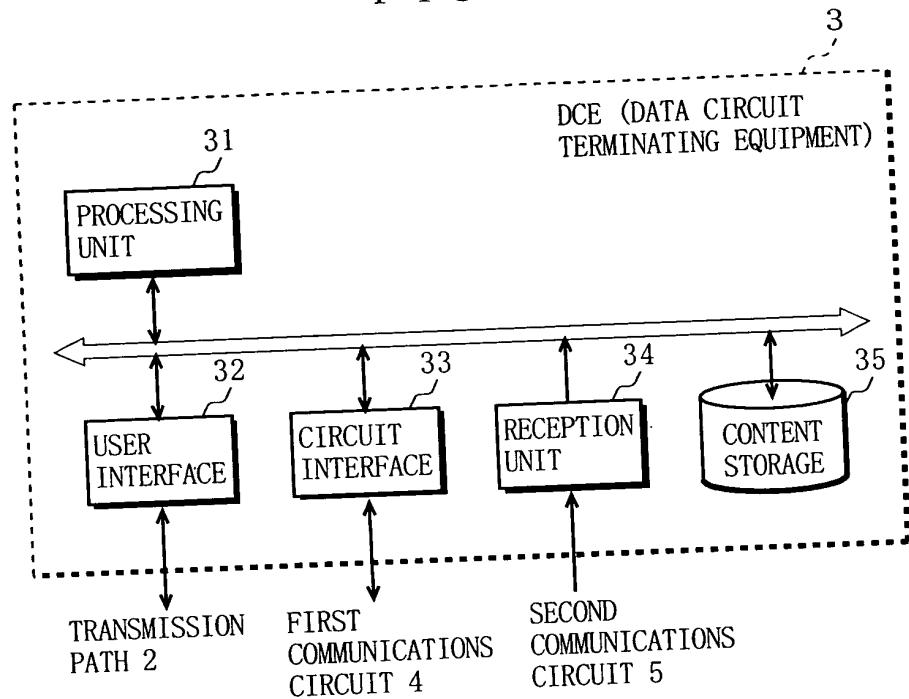


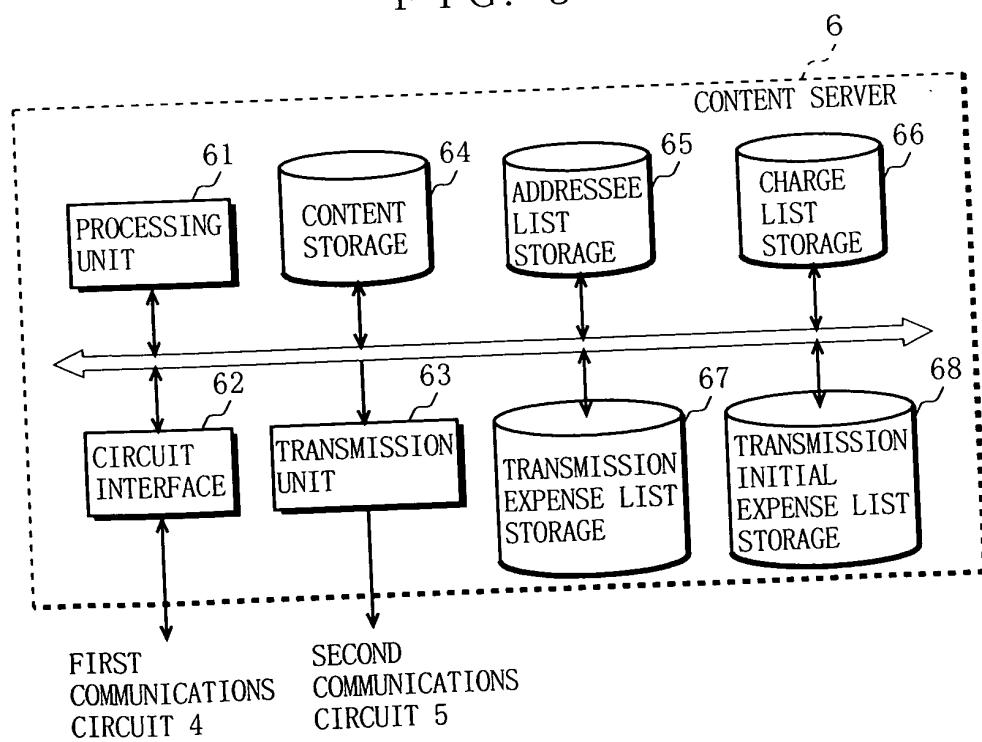
FIG. 1



F I G. 2



F I G. 3



F I G . 4

64

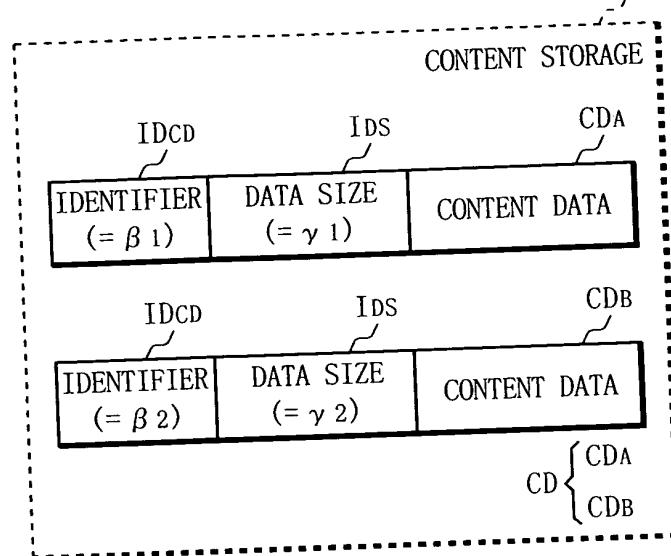


FIG. 5

65

ADDRESSEE LIST STORAGE

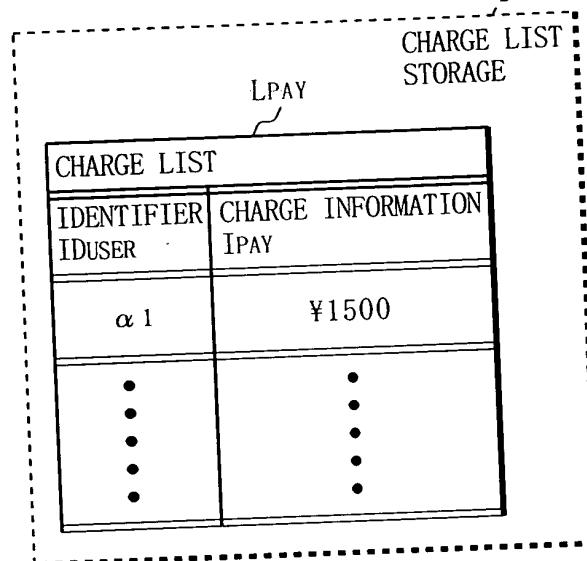
LDEST

ADDRESSEE LIST				IDENTIFIER IDUSER	TRANSMISSION EXPENSE TC	COMMUNICATIONS CIRCUIT FLAG FCIR
DL CONDITION NUMBER	IDENTIFIER IDCD	TIME LIMIT LT				
1	β 1	FEBRUARY 17 18:00		α 2- α 500 (499 IDENTIFIERS IDUSER IN TOTAL)	¥450	UR11
2	β 1	FEBRUARY 16 20:00		α 6	¥480 • •	UR12
3	β 1	FEBRUARY 14 19:00		α 10	¥530 • •	UR13

UR1 { UR11
UR12
UR13

F I G. 6

66



F I G. 7

67

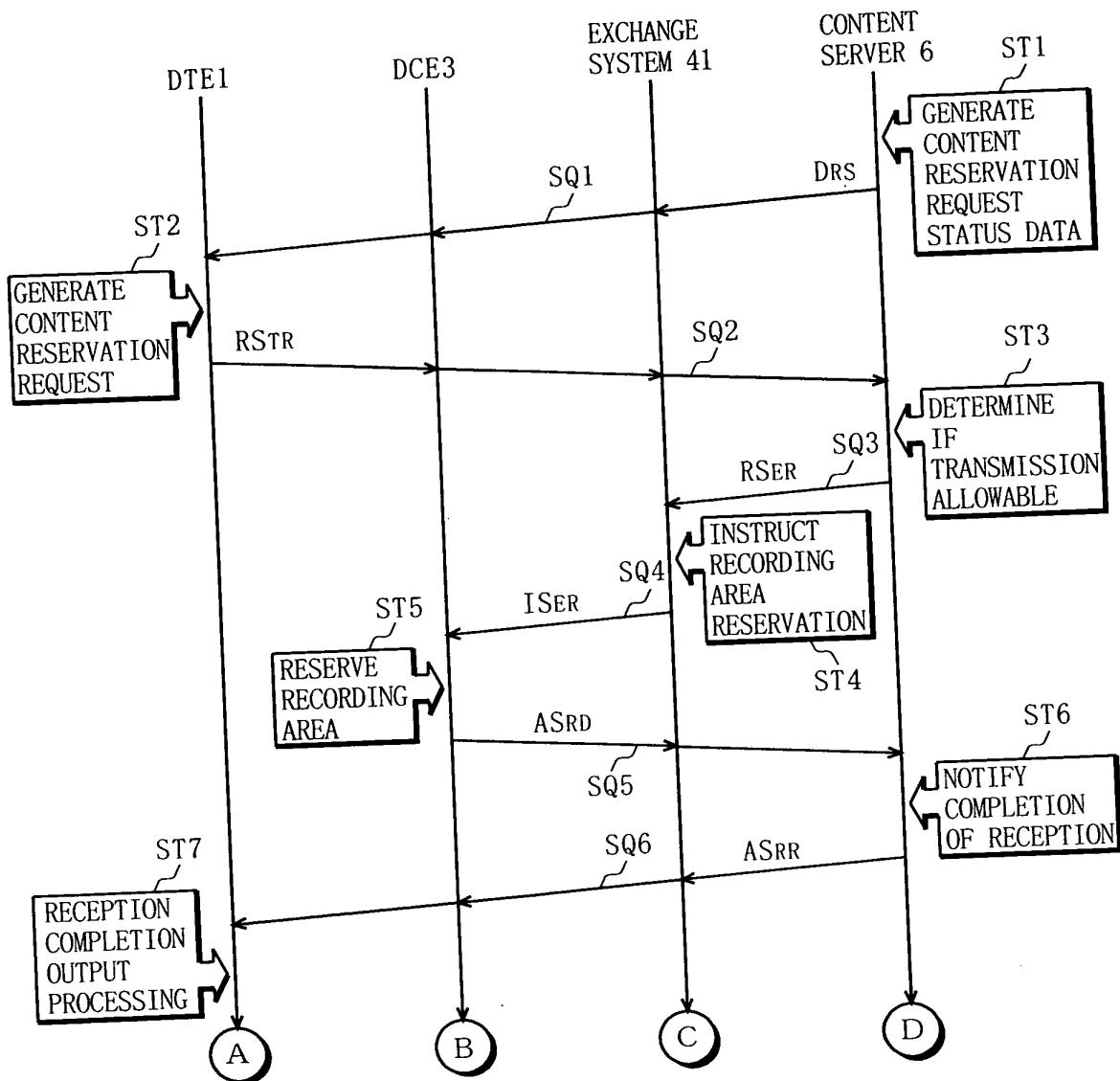
TRANSMISSION EXPENSE LIST STORAGE	
LTC	TRANSMISSION EXPENSE LIST
THE NUMBER OF USERS NUSER	TRANSMISSION EXPENSE TC
500≤NUSER5	TC5= (¥400)
100≤NUSER4<500	TC4= (¥450)
50≤NUSER3<100	TC3= (¥480)
20≤NUSER2<50	TC2= (¥530)
NUSER1<20	TC1= (¥550)

F I G. 8

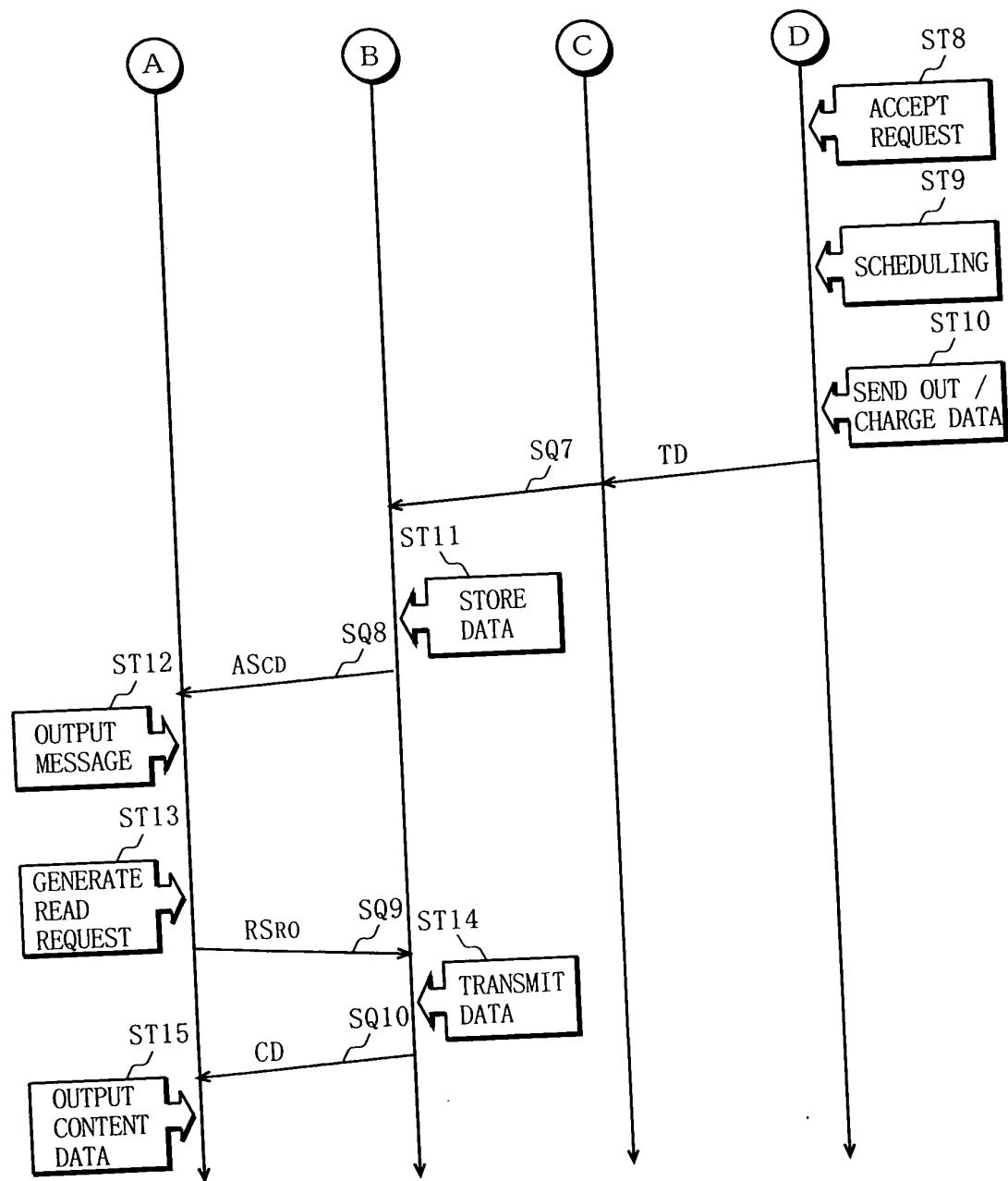
68

TRANSMISSION INITIAL EXPENSE LIST STORAGE	
LITC	TRANSMISSION INITIAL EXPENSE LIST
TIME MARGIN TM	TRANSMISSION INITIAL EXPENSE ITC
168≤TM5	ITC5= (¥400)
72≤TM4<168	ITC4= (¥450)
24≤TM3<72	ITC3= (¥480)
12≤TM2<24	ITC2= (¥530)
TM1<12	ITC1= (¥550)

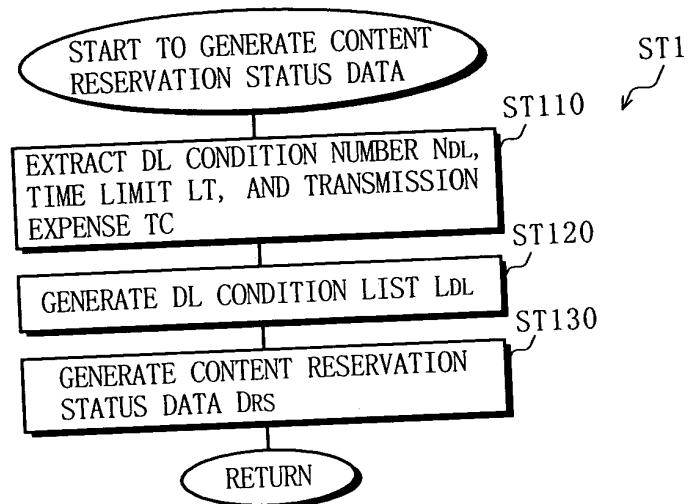
F I G. 9



F I G. 1 0



F I G. 1 1



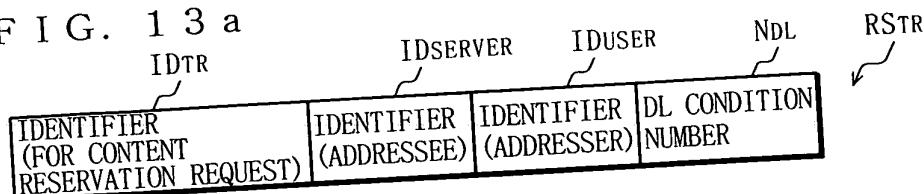
F I G. 1 2

A table with three columns: "DL CONDITION NUMBER NDL", "TIME LIMIT LT", and "TRANSMISSION EXPENCE TC". The rows are numbered 1, 2, and 3. The table is enclosed in a dashed box.

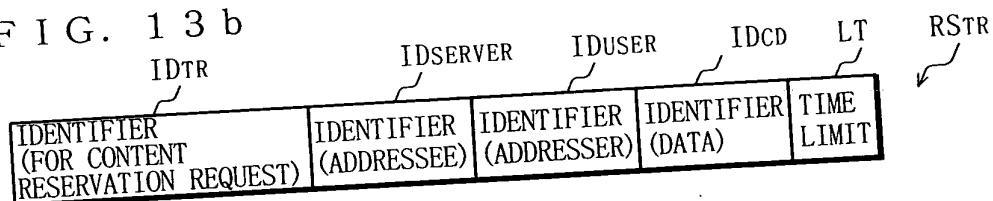
DL CONDITION NUMBER NDL	TIME LIMIT LT	TRANSMISSION EXPENCE TC
1	FEBRUARY 17 18:00	¥450
2	FEBRUARY 16 20:00	¥480
3	FEBRUARY 14 19:00	¥530

Below the table, there are two circular icons: one labeled "CONTENT DATA CDA" and another labeled "CONTENT DATA CDB". To the right of the table, a bracket labeled "LDL1" spans the first two rows, "LDL2" spans the second two rows, and "LDL3" spans the bottom row. A bracket labeled "LDL" spans all three rows. Below the table, the text "TIME LIMIT LT" is followed by a small rectangular box.

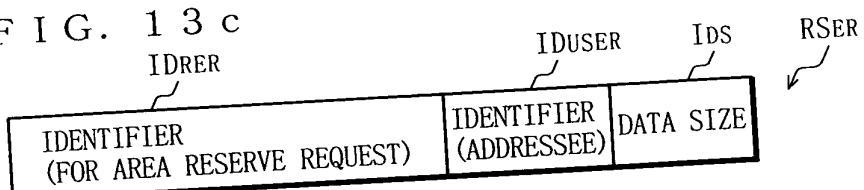
F I G. 13 a



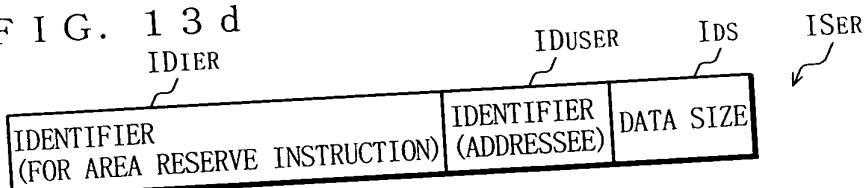
F I G. 13 b



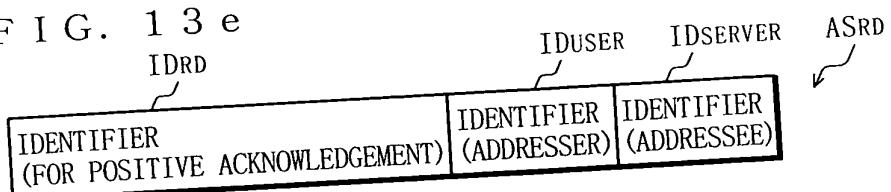
F I G. 13 c



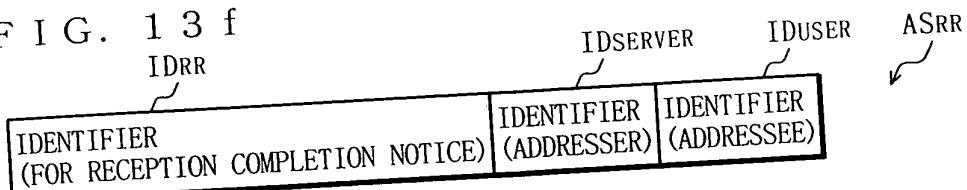
F I G. 13 d



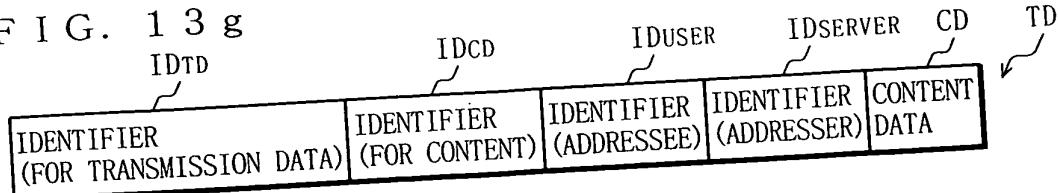
F I G. 13 e



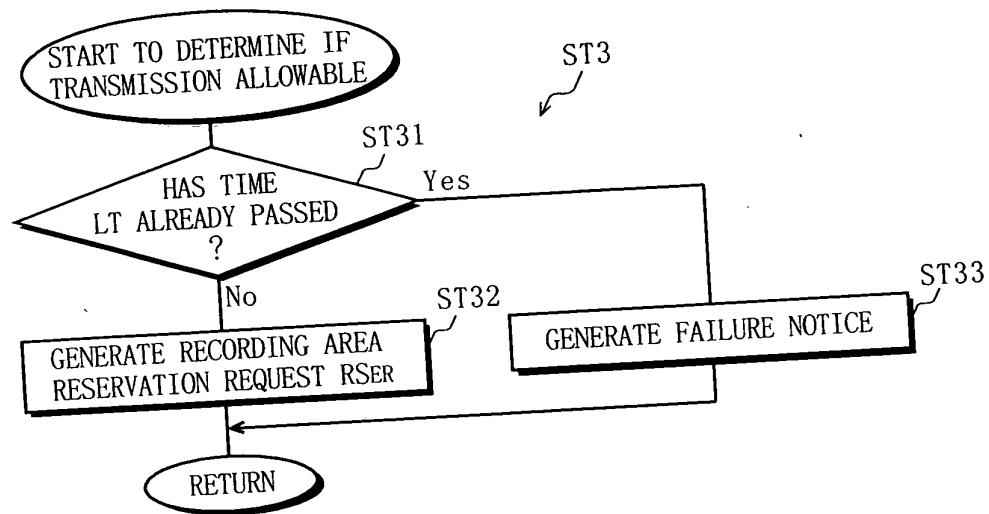
F I G. 13 f



F I G. 13 g



F I G. 1 4



F I G. 1 5

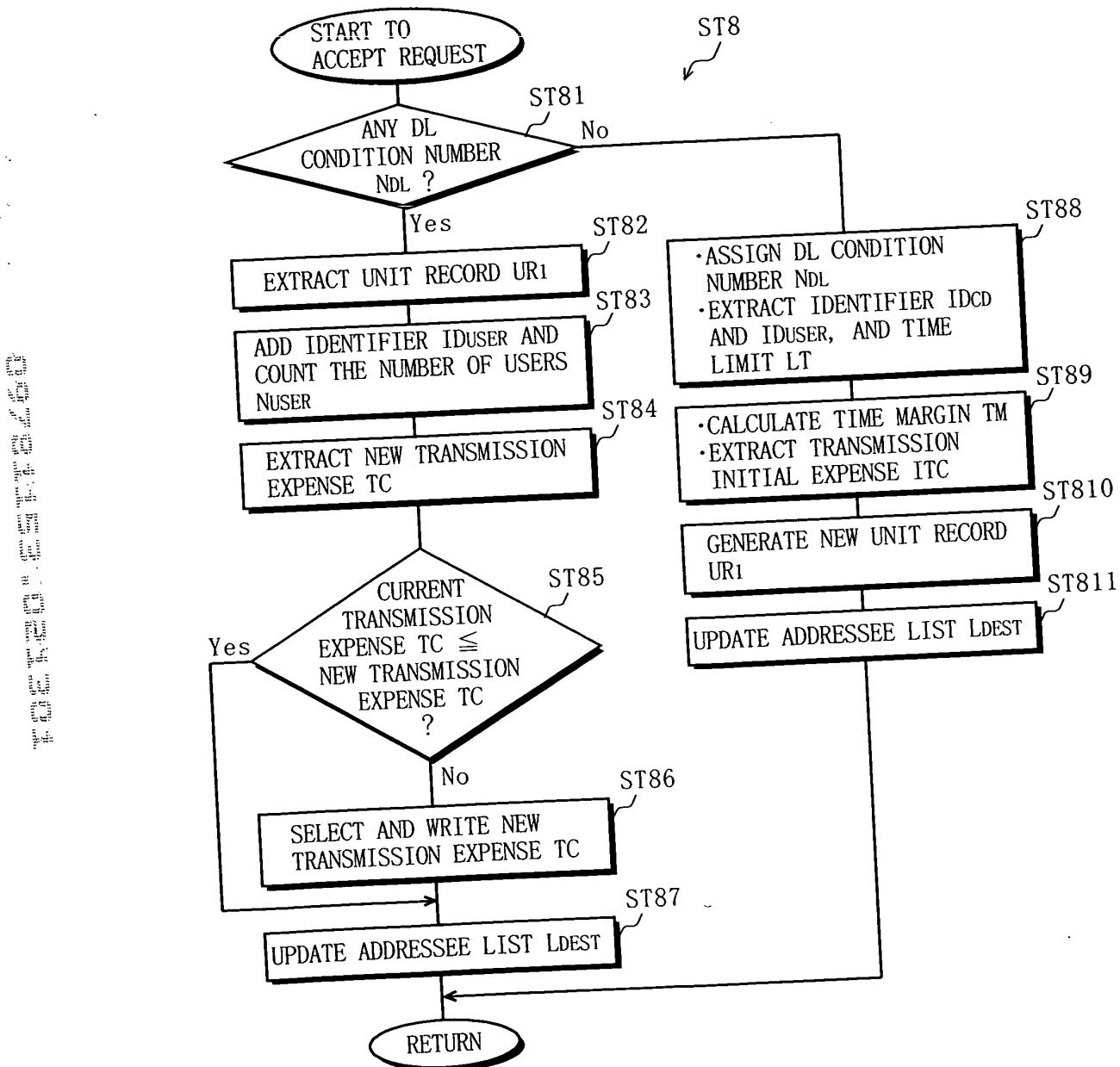


FIG. 16 a

UR11

DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
1	β_1	FEBRUARY 17 18:00	¥450	$\alpha_2 - \alpha_500$ 499 IDENTIFIERS IDUSER IN TOTAL	

FIG. 16 b

UR11

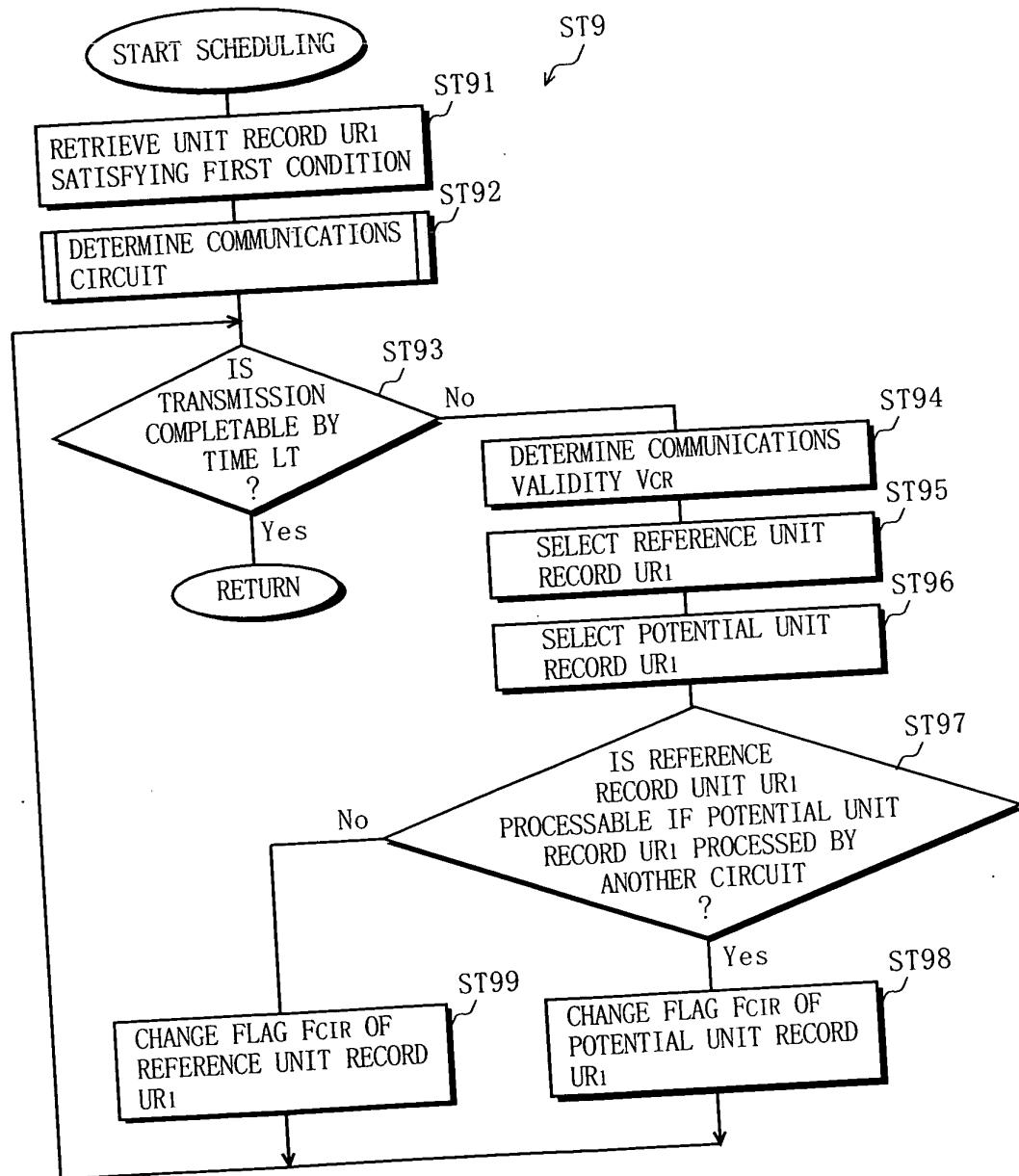
DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
1	β_1	FEBRUARY 17 18:00	¥400	$\alpha_1 - \alpha_500$ 500 IDENTIFIERS IDUSER IN TOTAL	

FIG. 16 c

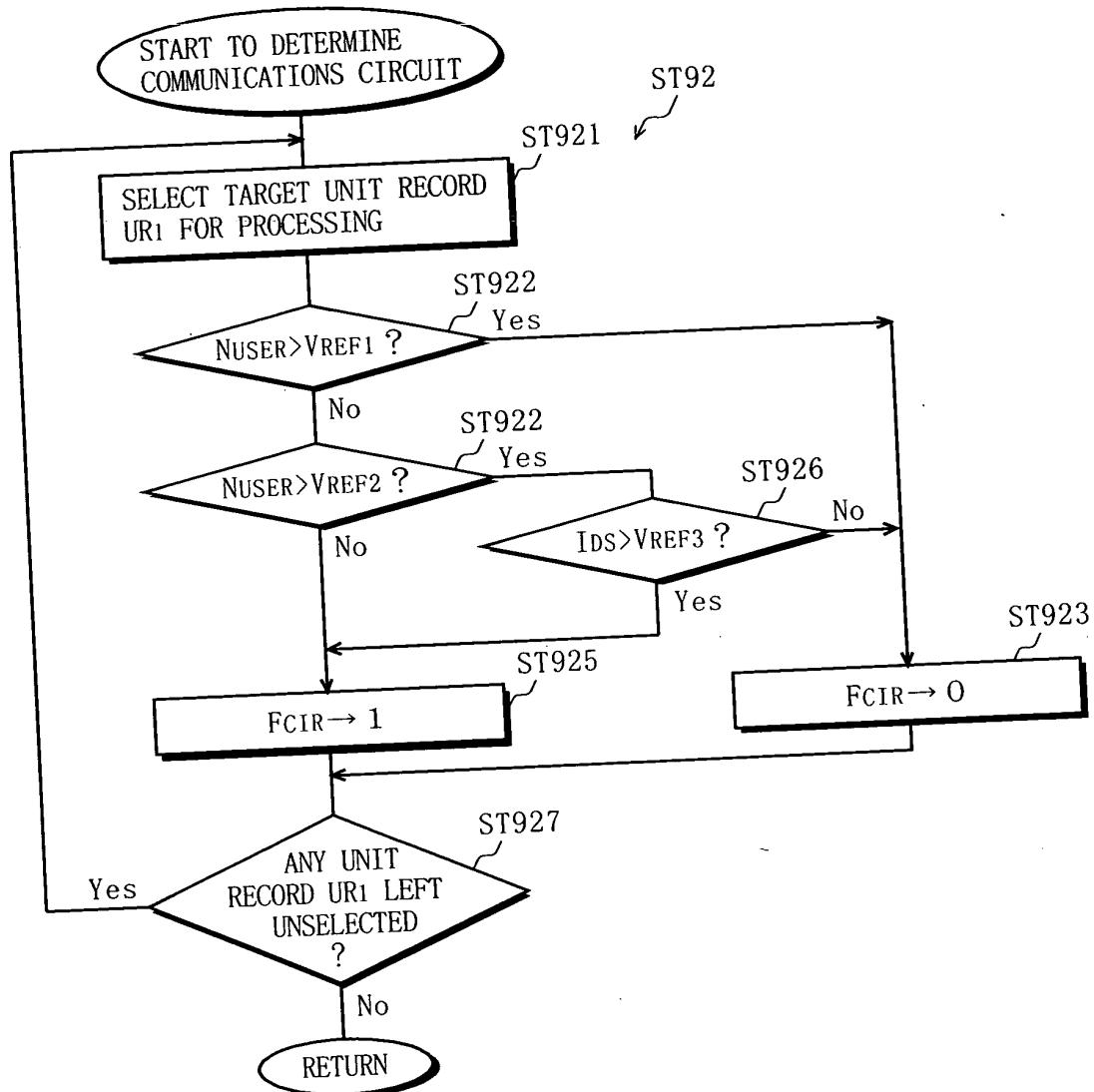
UR14

DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
4	β_1	FEBRUARY 15 20:00	¥480	α_1	

F I G. 17



F I G. 18



F I G. 19 a

UR11

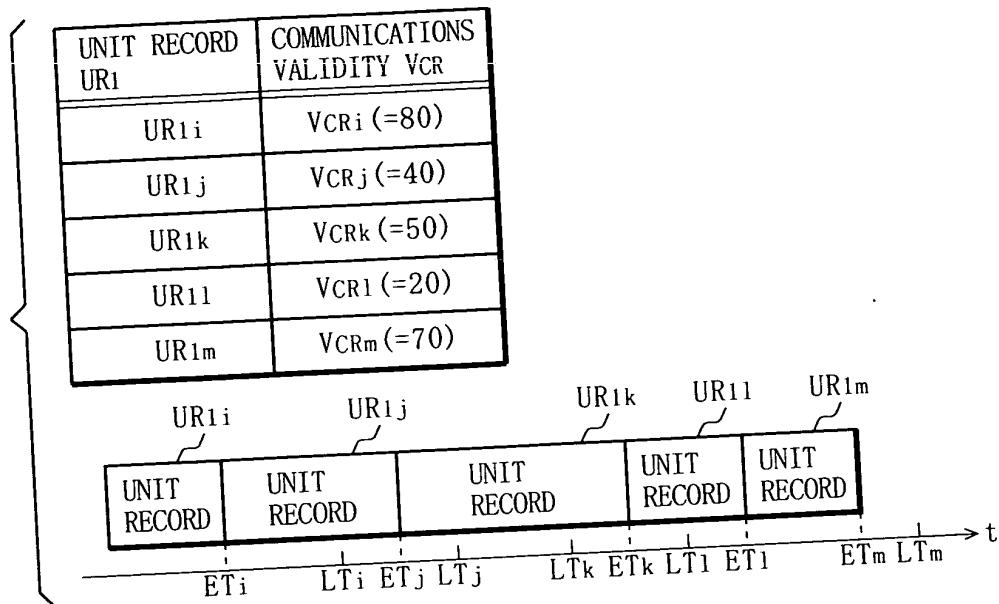
DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
1	β_1	FEBRUARY 17 18:00	¥400	$\alpha_1 - \alpha_500$ (500 IDENTIFIERS IDUSER IN TOTAL)	0

F I G. 19 b

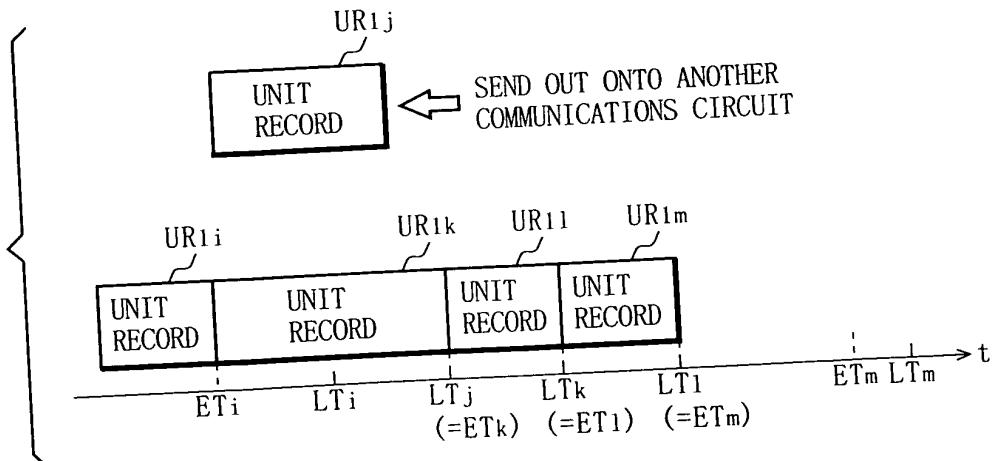
UR12

DL CONDITION NUMBER NDL	IDENTIFIER IDCD	TIME LIMIT LT	TRANSMISSION EXPENSE TC	IDENTIFIER IDUSER	COMMUNICATIONS CIRCUIT FLAG FCIR
2	β_1	FEBRUARY 16 20:00	¥480	α_6 • •	1

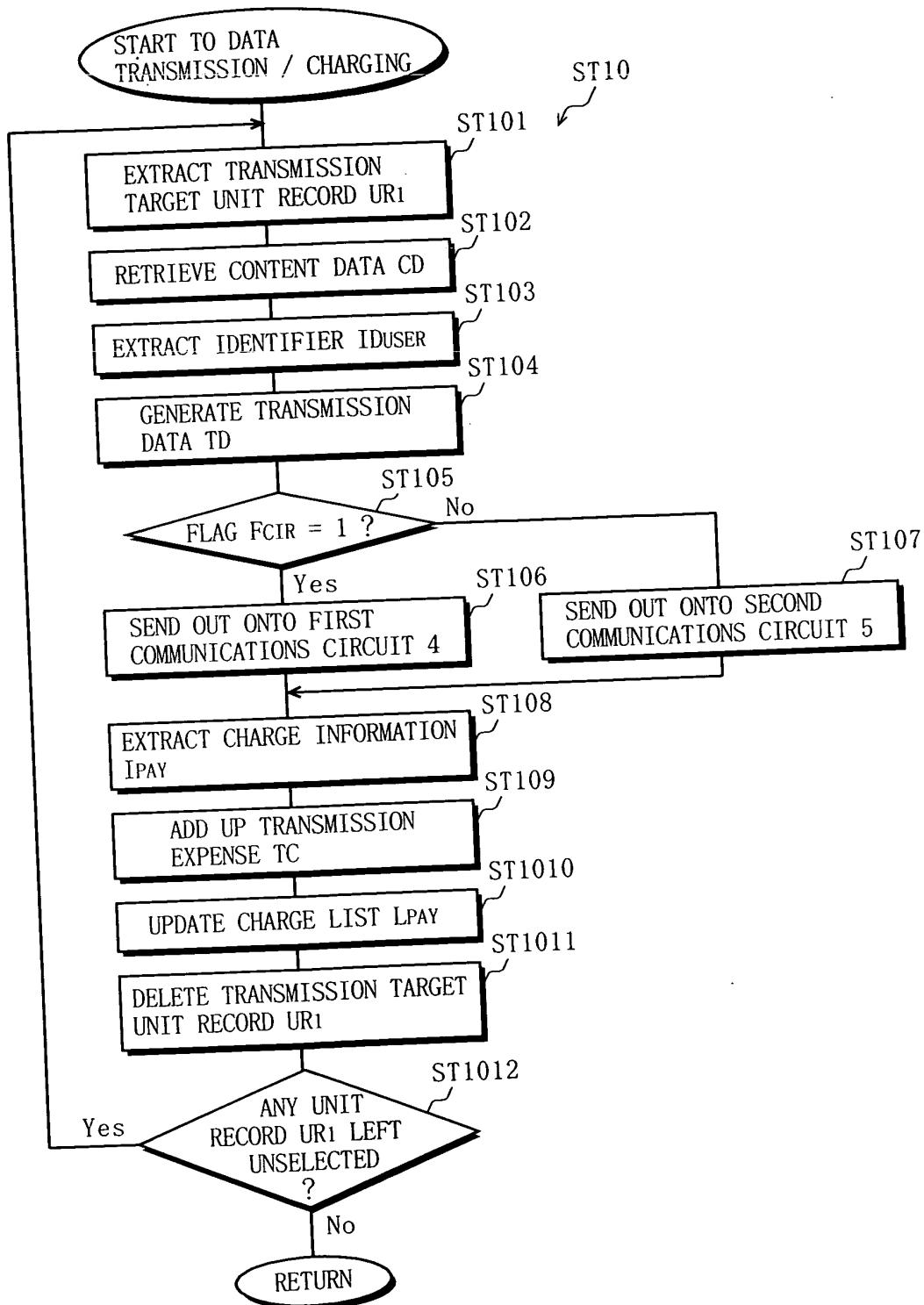
F I G. 20 a



F I G. 20 b



F I G. 21



F I G. 2 2

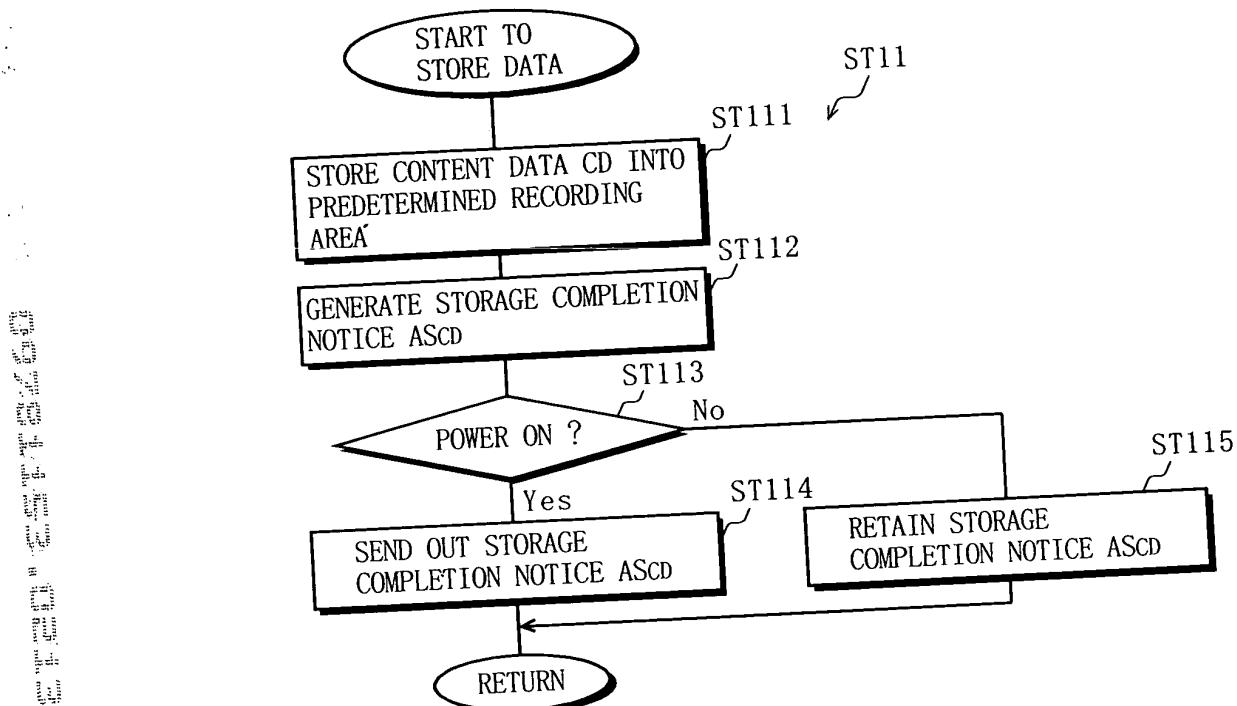


FIG. 23 a

64

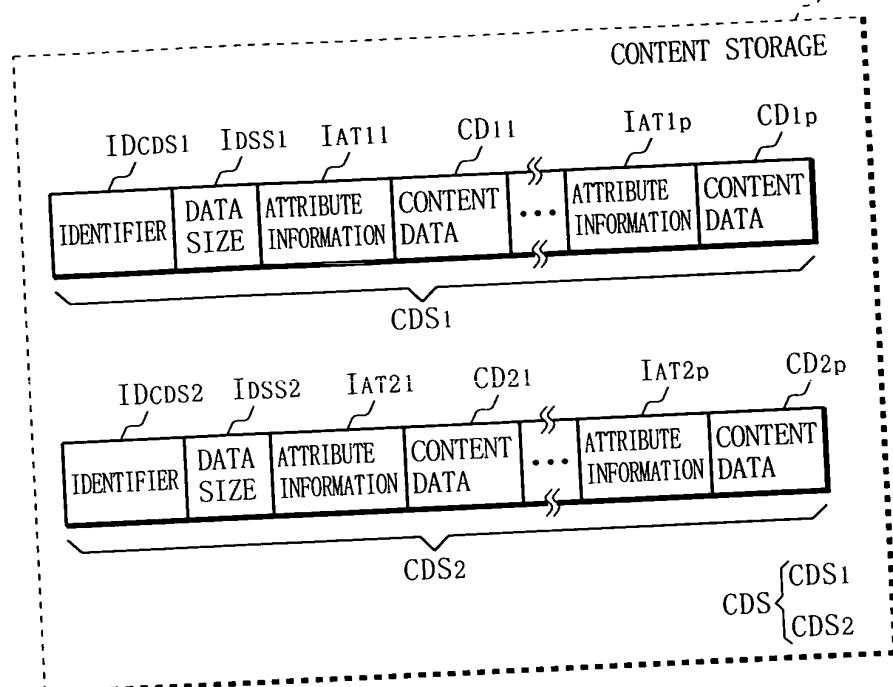


FIG. 23 b

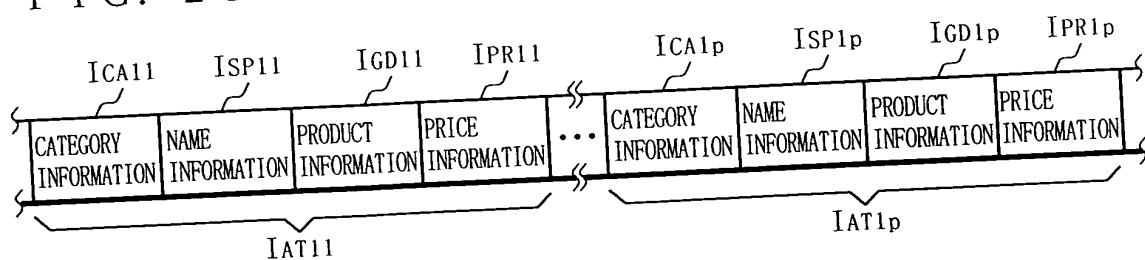
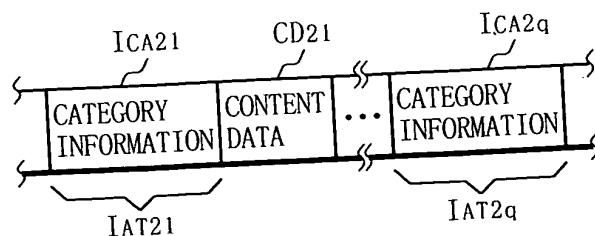
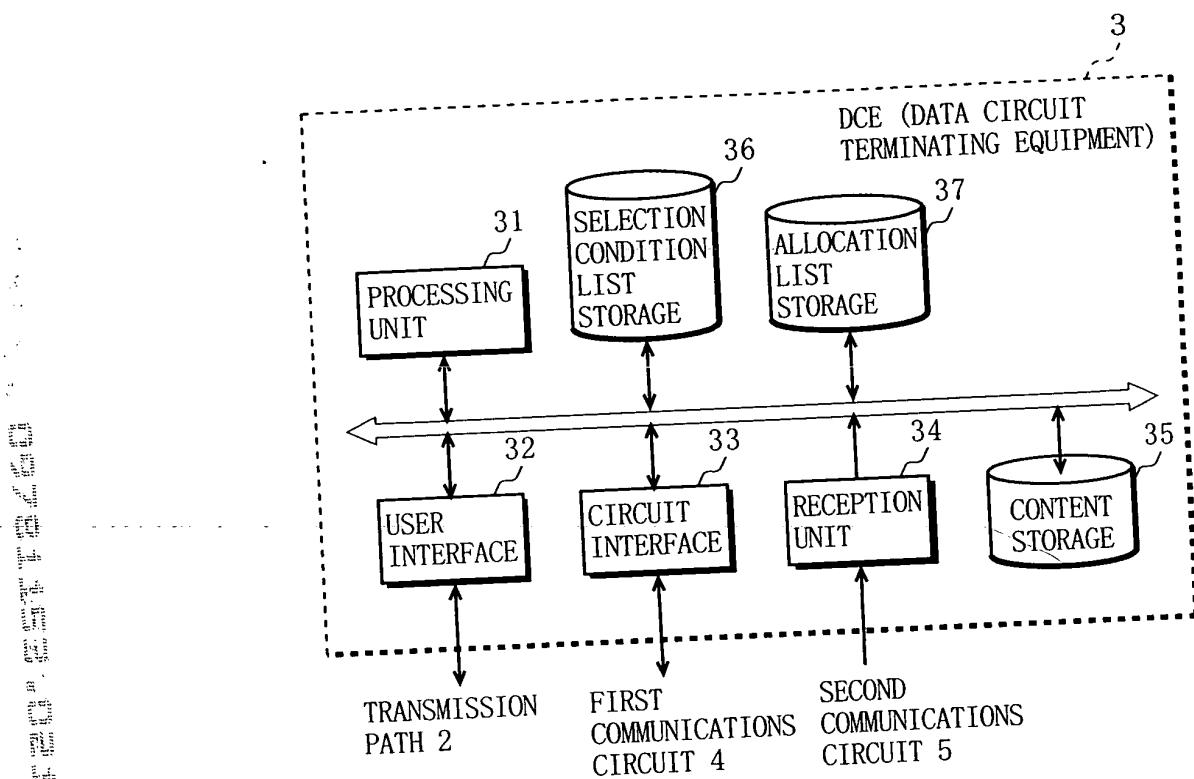


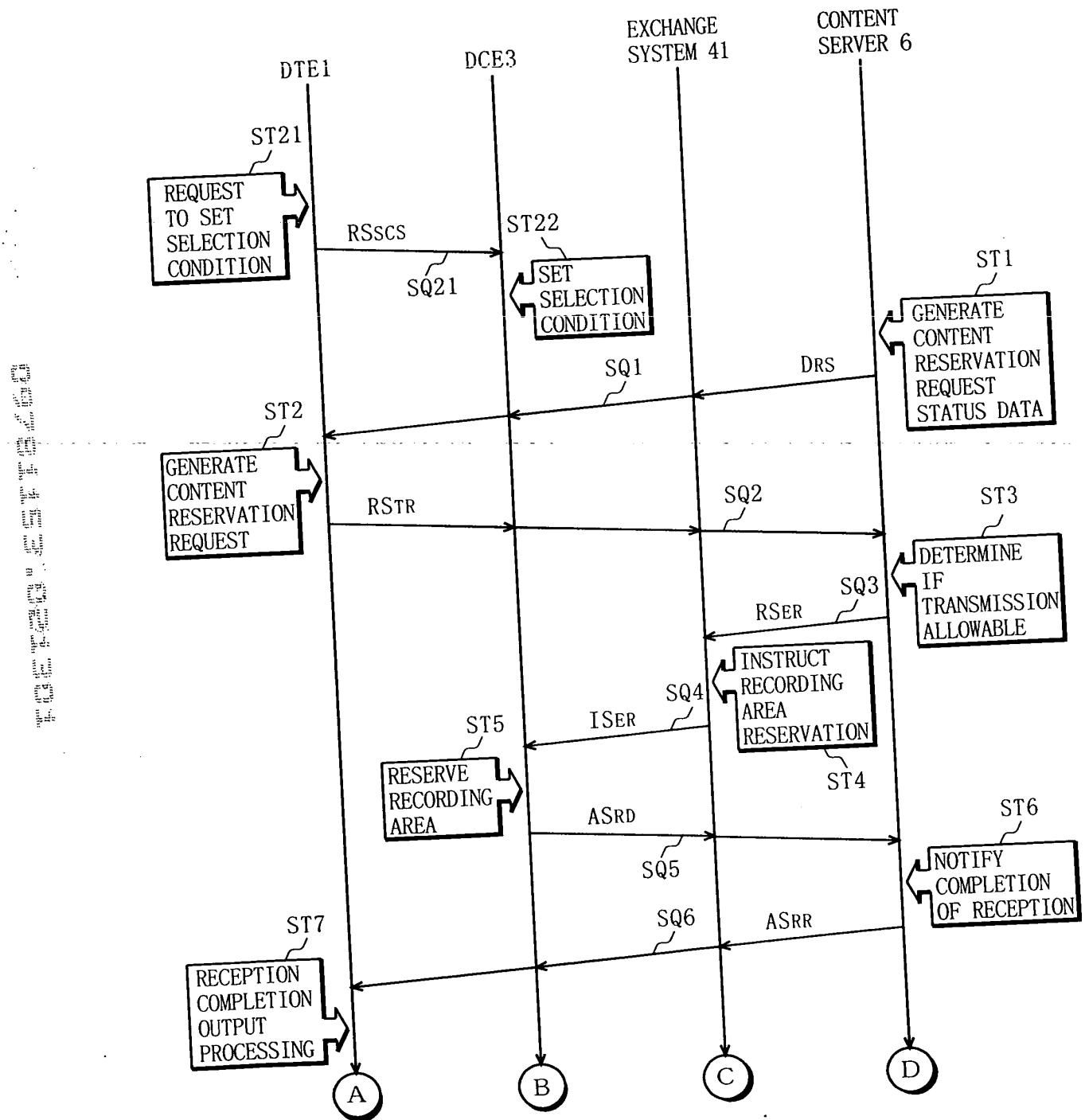
FIG. 23 c



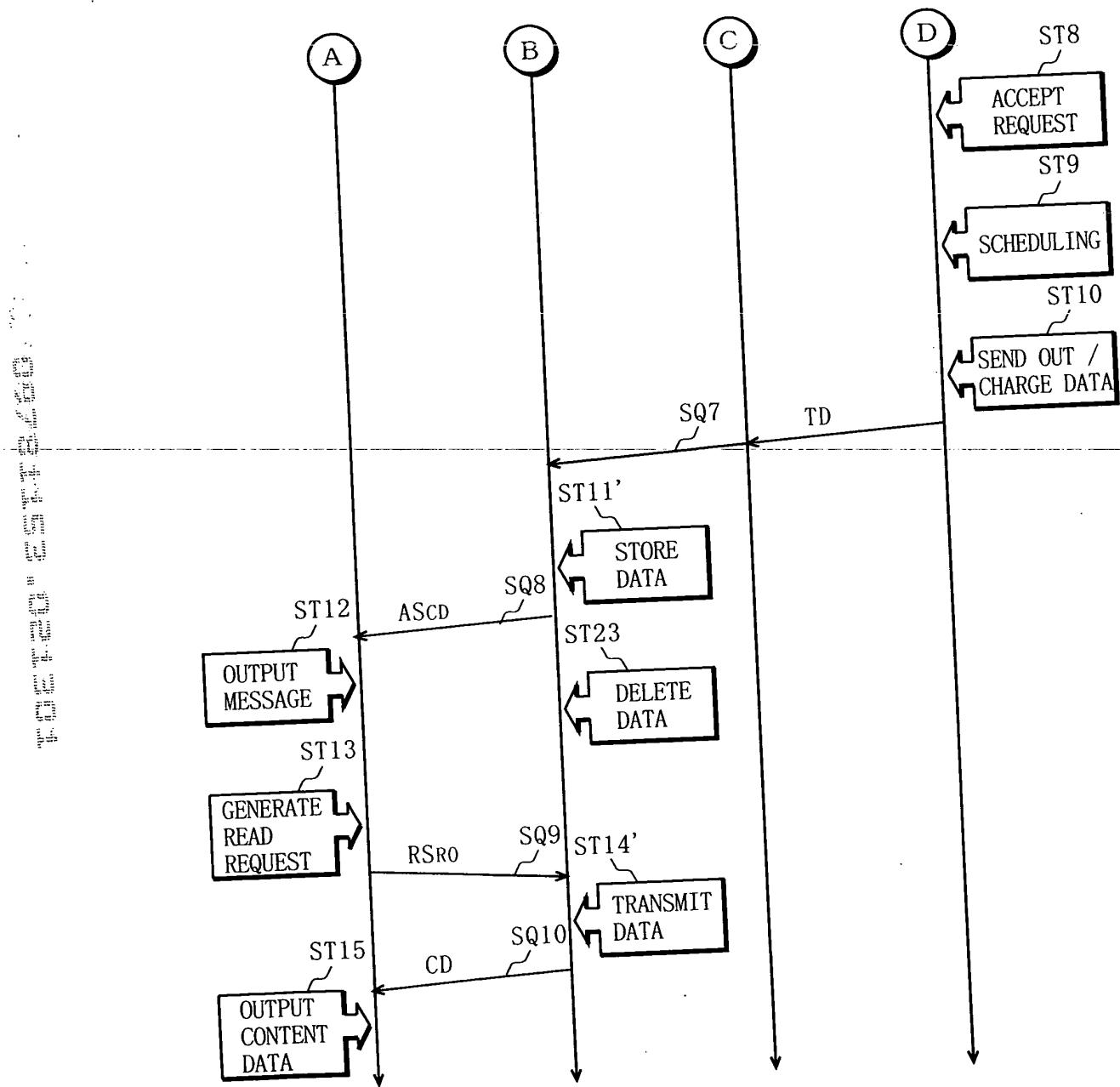
F I G. 2 4



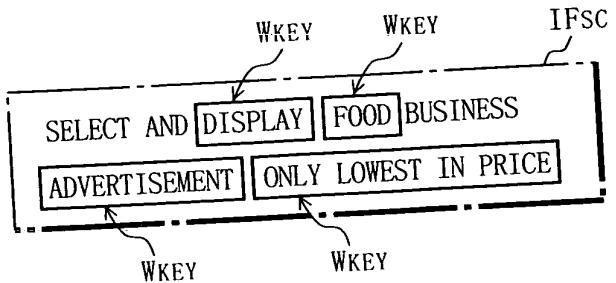
F I G. 2 5



F I G. 2 6



F I G. 27 a

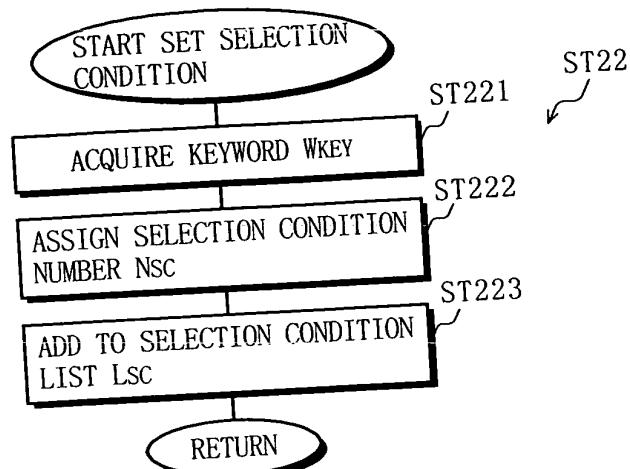


F I G. 27 b

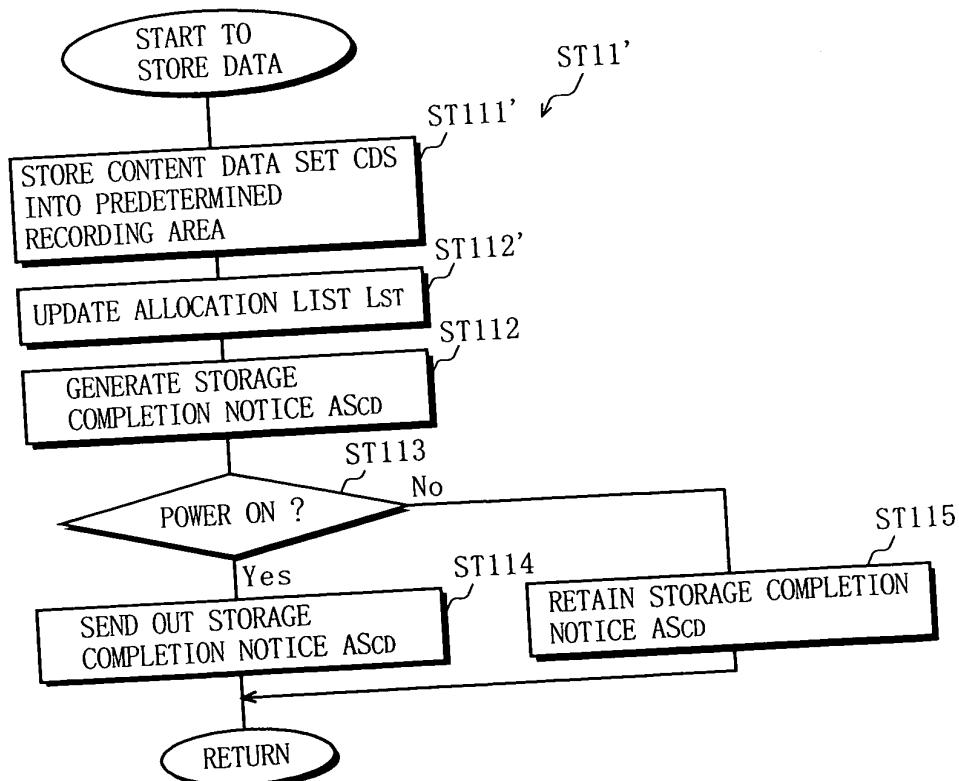
36

SELECTION CONDITION LIST	
SELECTION CONDITION NUMBER NSC	SELECTION CONDITION SC
SELECTION CONDITION No. 1	SELECT FOOD BUSINESS ADVERTISEMENT ONLY LOWEST IN PRICE
SELECTION CONDITION No. 2	NOT SELECT REAL-ESTATE BUSINESS ADVERTISEMENT
SELECTION CONDITION No. 3	SELECT ALL ELECTRIC APPLIANCES ADVERTISEMENT
SELECTION CONDITION No. 4	NOT SELECT ENTERTAINMENT NEWS
SELECTION CONDITION No. 5	SELECT ALL NEWS, ENTERTAINMENT EXCLUSIVE

F I G. 28

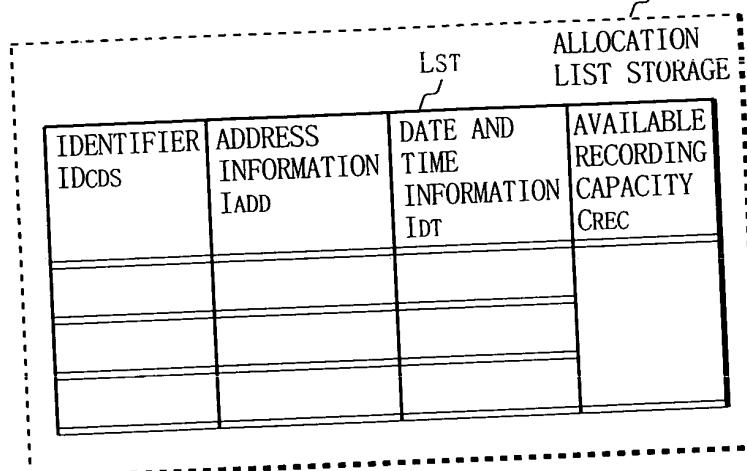


F I G. 29

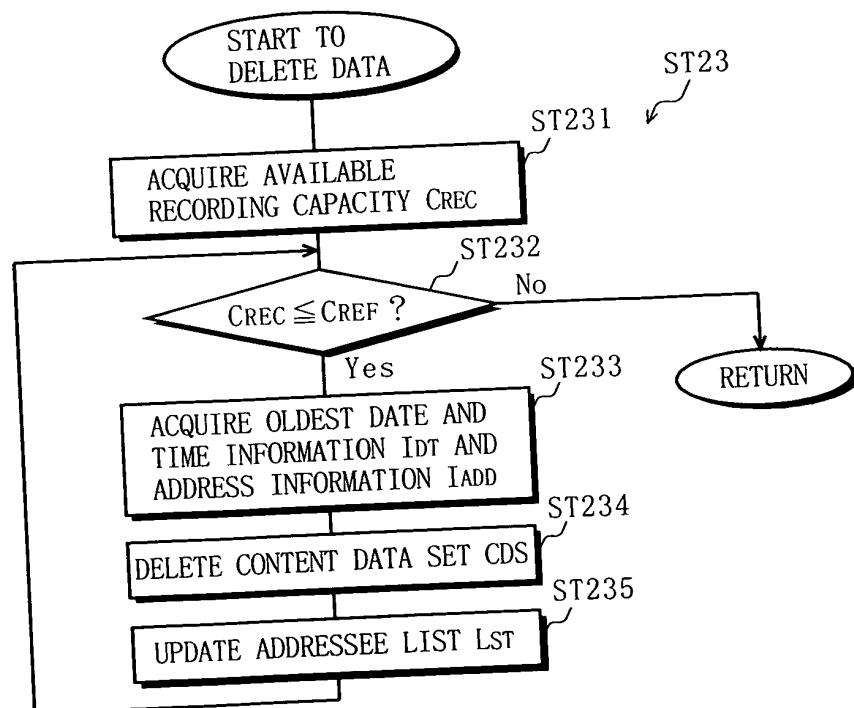


F I G. 3 0

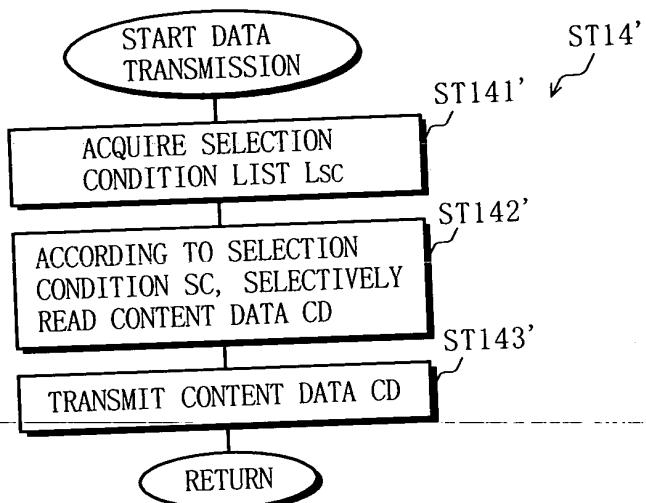
37



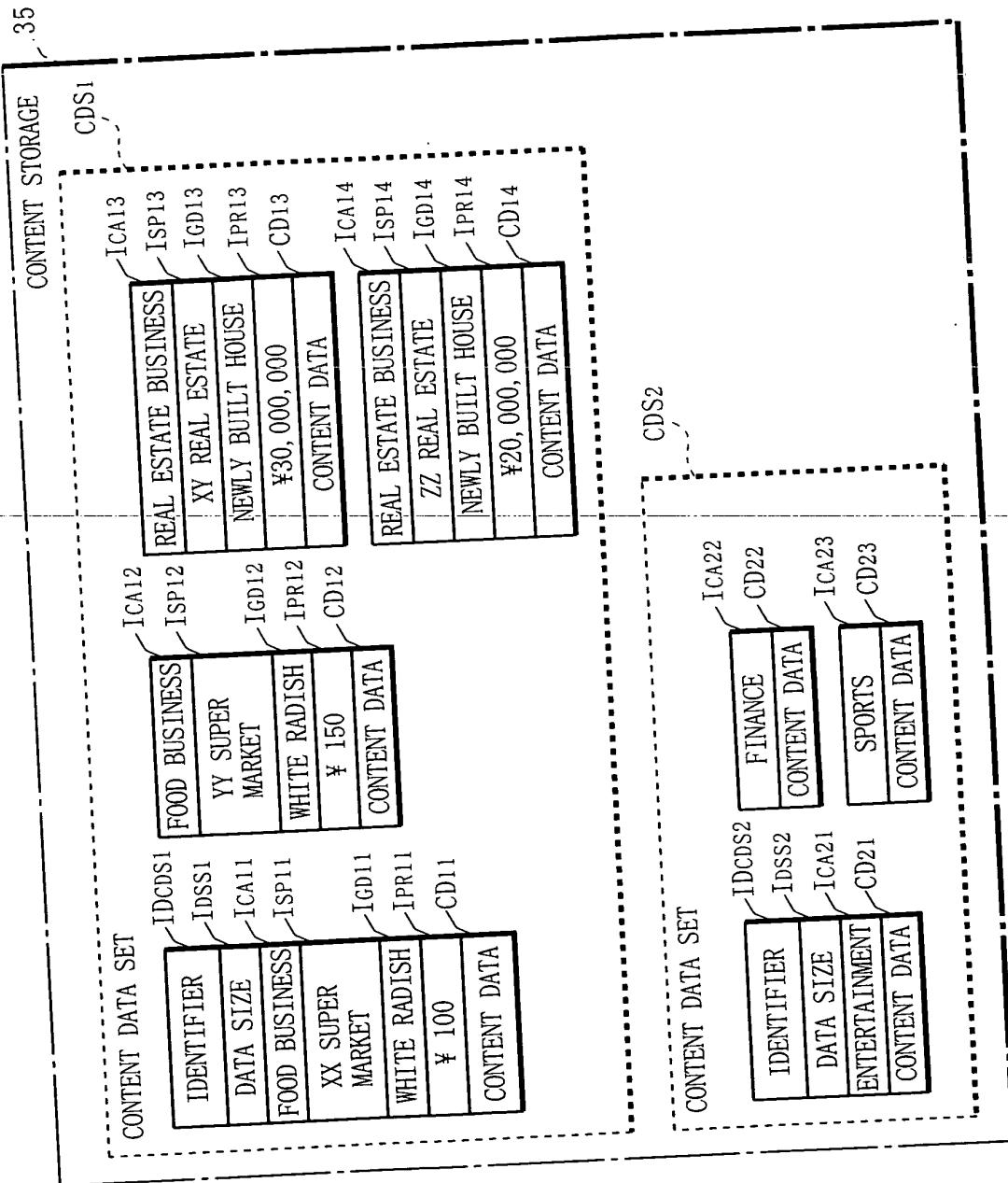
F I G. 3 1



F I G. 3 2



F I G . 3 3



F I G. 3 4

